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IN THE CLAIMS

The following is a complete listing of the pending claims.

1. (Original) A composition comprising a fluorophore compound, the fluorophore compound comprising a fluorophore group and a fluorescence quenching leaving group.
2. (Previously presented) The composition of claim 1, wherein the fluorophore compound is characterized as having an efficiency of quenching of at least 2 fold.
3. (Previously presented) The composition of claim 1, wherein the fluorophore compound is characterized as having an efficiency of quenching of at least 100 fold.
4. (Previously presented) The composition of claim 1, wherein the fluorophore compound is characterized as having an efficiency of quenching of at least 1000 fold.
5. (Original) The composition of claim 1, wherein the fluorophore compound is an organic compound, an organometallic compound, a nucleic acid, a peptide, a protein, a lipid, or a carbohydrate.
6. (Original) The composition of claim 1, wherein the fluorophore compound is a nucleic acid.
7. (Original) The composition of claim 6, wherein the nucleic acid is single stranded.
8. (Original) The composition of claim 6, wherein the nucleic acid is double stranded.
9. (Original) The composition of claim 6, wherein the quenching leaving group is attached to the 5' hydroxyl group of the nucleic acid.
10. (Original) The composition of claim 6, wherein the quenching leaving group is attached to a hydroxyl group other than the 5' hydroxyl group of the nucleic acid.
11. (Original) The composition of claim 6, wherein the fluorophore group is located 1, 2, or 3 nucleotides away from the quenching leaving group.